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Substitution for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Application Number				Not yet assigned	
Filing Date				February 8, 2002	
First Named Inventor				Kazutaka HABU, et al.	
Group Art Unit				Not yet assigned	
Examiner Name				Not yet assigned	
Attorney Docket Number				9792909-5360	
Sheet	2	of	2		

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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control number.		
Substitute for form 1449A/PTO		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
(use as many sheets as necessary)		
Sheet	1	of 2

Complete if Known	
Application Number	Not yet assigned
Filing Date	February 8, 2002
First Named Inventor	Kazutaka HARI, et al.
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	9792909-5360

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 6 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		JP 62-230493	10/09/87	Masukawa M. et al.		✓
		JP 8-206874	08/13/96	Yamaguchi, A., et al.		✓
		JP 10-6075	01/13/98	Niha, N.		✓
		WO 92/17617	10/15/92	Kronberg, J.		✓
		EP 0 612 578A1	08/31/94	Jin, S., et al.		✓
		EP 0 847828A1	06/14/98	Ogashiwa, T., et al.		✓
		EP 0 710521A1	05/08/96	Ninomiya, R., et al.		✓
		EP 0 639 426A1	02/22/95	Kawaguchi, T., et al.		✓
		JP 09206983	08/12/97	Haniyu Kazutaka		✓

Examiner Signature	Date Considered
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1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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PTO 1449		37 CFR 1.501 INFORMATION DISCLOSURE STATEMENT IN A PATENT (use several sheets if necessary)		Docket No. P98,1072		Serial No. 09/066,851	
				Applicant Kazutaka Habu et al.		10/07/320	
				Filing Date April 28, 1998		Group Art Unit 1742	
U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	AA						
	AB						
	AC						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AD	WO 92/17617	Oct 15, 1992	PCT			X
	AE	EP 0 612 578 A1	Aug 31 1994	EP			X
	AF	EP 0 847 828 A1	June 17, 1998	EP			X
	AG	EP 0 710 521 A1	May 8, 1996	EP			X
	AH	EP 0 639 426 A1	Feb 22, 1995	EP			X
	AI	JP 09206983 (Abstract)	Aug 12, 1997	Japan			X
	AJ						
	AK						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AL	Seiki Sakuyama, et al., "Solderability of Solder-Coated Surfaces for SMT Printed Wiring Boards", Fujitsu Scientific & Technical Journal, Vol. 29, No. 4, Dec. 21, 1993, pages 357-366, XP 000439110					
	AM						
	AN						
Examiner		S. J. P.		Date Considered			
				5/3/04			
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PTO 1449

37 CFR 1.501
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
IN A PATENT
(use several sheets if necessary)

Sheet 1 of 1

Docket No.
P98,1072Serial No.
09/066,851Applicant
Kazutaka Habu, et al.Filing Date
April 28, 1998Group Art Unit
1742

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					

FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Subclass	Translation
	AH	JP 62-230493				
	AI	JP 8-206874	Oct. 9, 1987	Japan		Yes No
	AJ	JP 10-6075	Aug. 13, 1996	Japan		X
	AK		Jan. 13, 1998	Japan		X
	AL					X

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	Tetsuya Nakatsuka, et al., "Development of High Reliable Pb Free Solder", Production Engineering Research Laboratory, Hitachi, Ltd., Feb. 6-7, 1997, 3 rd Symposium on "Microjoining Assembly Technology in Electronics" (abstract only)
	AN	
	AO	

Examiner

S. Iq

Date Considered

5/3/04

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